

## **Remarks**

### **Support for amendments to the specification**

- (1) The description of FIGS. 2A and 2B is amended to insert sequence identifiers and to correct an obvious error, which is apparent from inspection of FIGS. 2A and 2B. The original description recited that the figures showed the sequence of TB1 and TB2 genes. The figures, however, show protein sequences.
- (2) Table IV has been amended to explain that “\*” in SEQ ID NO:147 indicates “Xaa.” The asterisks were left in SEQ ID NO:147 in the table to maintain alignment of SEQ ID NO:147 with SEQ ID NOS:148-154. In the amended sequence listing, however, SEQ ID NO:147 contains “Xaa” in place of the asterisks.
- (3) The sequence listing is amended to relative to that in the issued patent as follows:
  - a. A proline residue has been inserted at position 173 of SEQ ID NO:7.
  - b. Clerical corrections have been made to SEQ ID NOS:68 and 76 (“C” instead of “G” at position 24 of SEQ ID NO:68 and “C” instead of “G” at position 20 of SEQ ID NO:76). These sequences were corrected to conform to the sequences designated as SEQ ID NO:68 and SEQ ID NO:76 in Table III.
  - c. SEQ ID NOS:103-154 have been added. SEQ ID NOS:103-146 are sequences originally present in Table III. SEQ ID NOS:147-154 are sequences originally present in Table IV.

Substitute amended sequence listing

The substitute amended sequence listing added by this amendment corrects the errors noted in the Raw Sequence Listing Error Report that was attached to the Office Action mailed December 5, 2003.

A computer readable form containing the amended substitute sequence listing in ASCII accompanies this amendment. The sequence listing information recorded in computer readable form is identical to the written sequence listing.

Respectfully submitted,

Date: December 17, 2003

By: Lisa M. Hemmendinger  
Lisa M. Hemmendinger  
Registration No. 42,653

Banner & Witcoff, Ltd.  
1001 G Street, N.W., Eleventh Floor  
Washington, D.C. 20001-4597  
(202) 824-3000